

FIG. 1

GRADATION

● : SELECTIVE ERASING DISCHARGE

○ : EMISSION SF

		CONVERSION TABLE		EMISSION DRIVING PATTERN		DISPLAY LUMINANCE																																																																																																																																																																																																																																																																																							
PDs	GD																																																																																																																																																																																																																																																																																												
		1	2	3	4	5	6	7	8	9	10	11	12	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	

FIG. 2

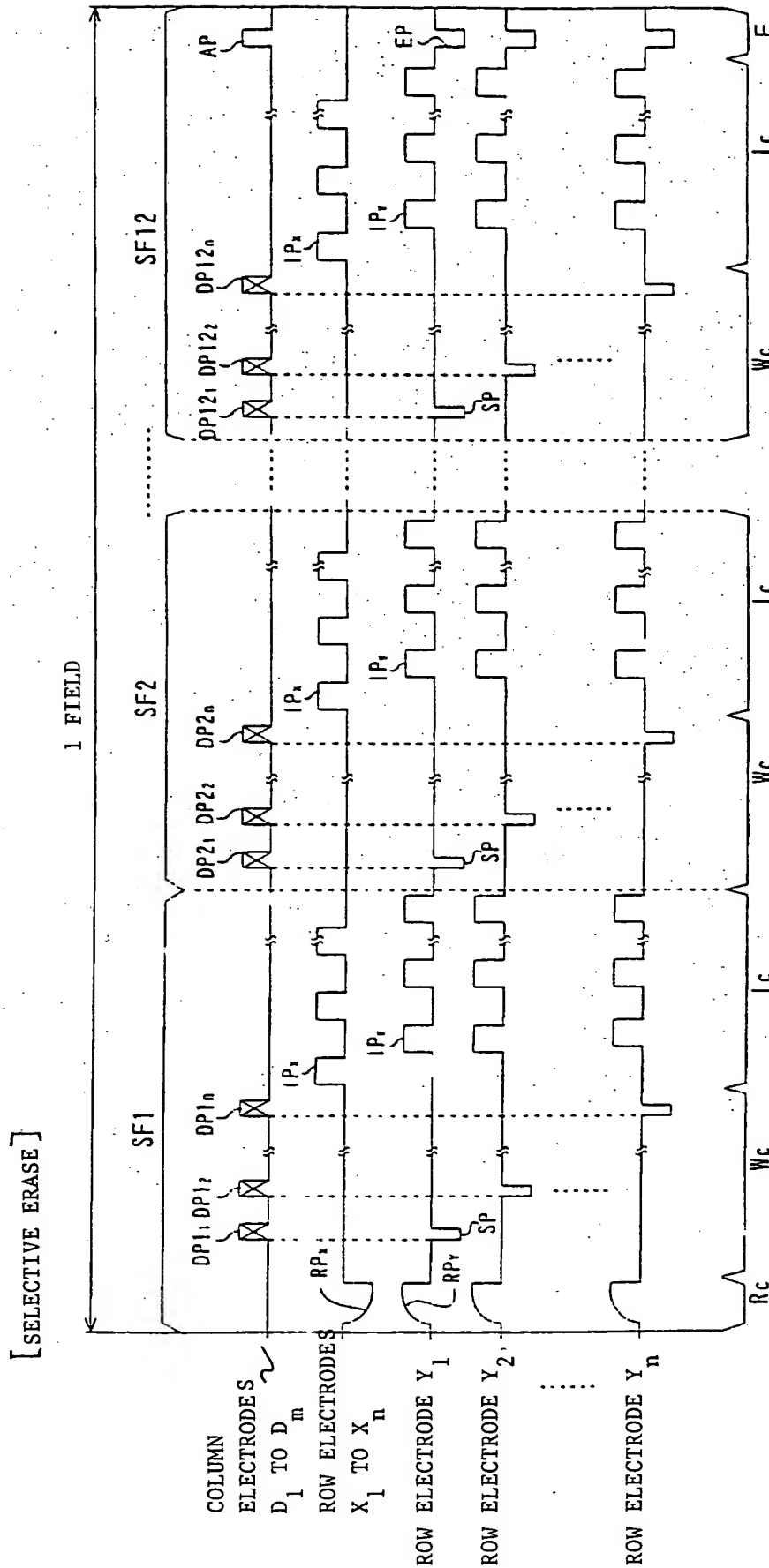
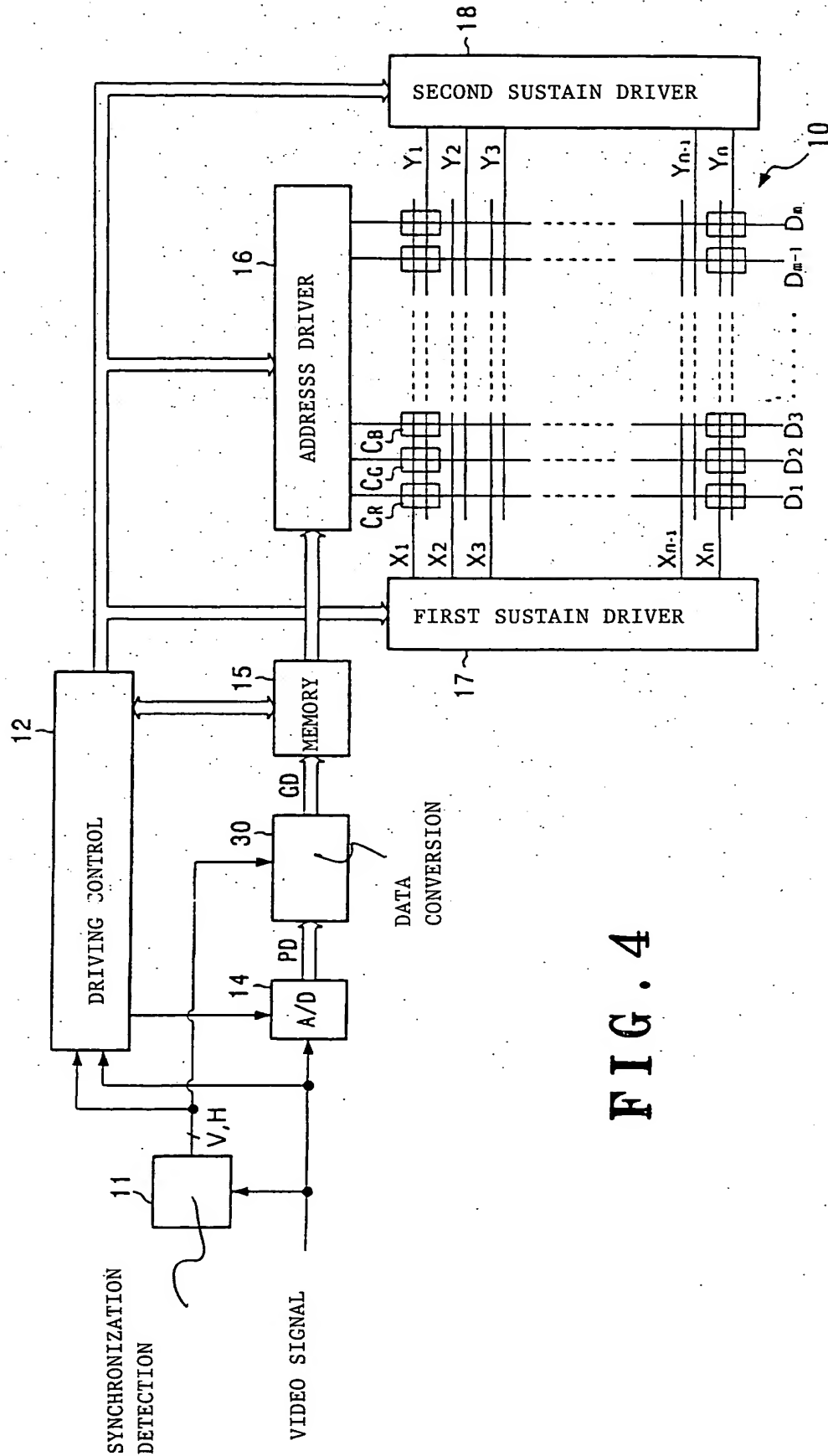


FIG. 3

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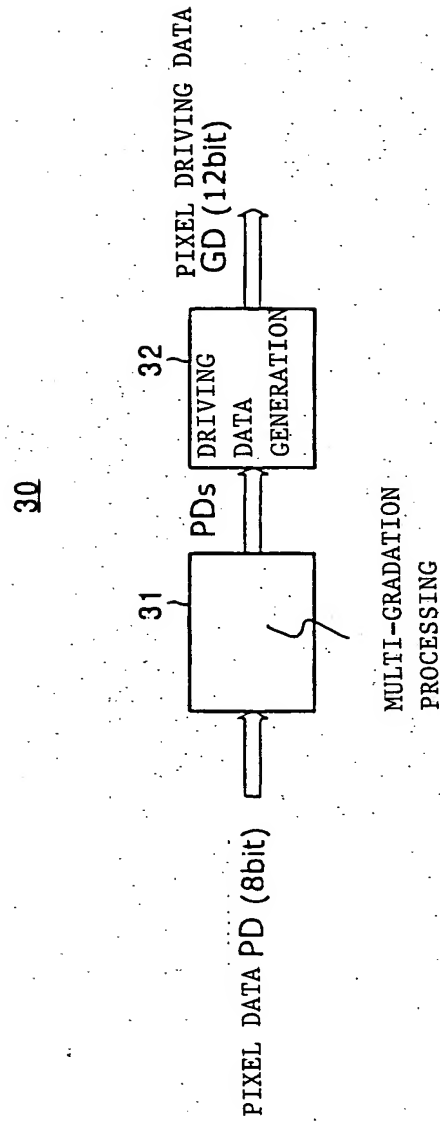


FIG. 5

GRADATION
DRIVING

LUMINANCE

	CONVERSION TABLE							EMISSION PATTERN												
	PDS	GD						SF 1	SF 2	SF 3	SF 4	SF 5	SF 6	SF 7	SF 8	SF 9	SF 10	SF 11	SF 12	
		1	2	3	4	12													
1	0000	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2	0001	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
3	0010	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3
4	0011	1	0	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7
5	0100	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	13
6	0101	1	0	0	0	0	1	*	*	*	*	*	*	*	*	*	*	*	*	25
7	0110	1	0	0	0	0	0	1	*	*	*	*	*	*	*	*	*	*	*	39
8	0111	1	0	0	0	0	0	0	1	*	*	*	*	*	*	*	*	*	*	59
9	1000	1	0	0	0	0	0	0	0	1	*	*	*	*	*	*	*	*	*	84
10	1001	1	0	0	0	0	0	0	0	0	1	*	*	*	*	*	*	*	*	117
11	1010	1	0	0	0	0	0	0	0	0	0	1	*	*	*	*	*	*	*	157
12	1011	1	0	0	0	0	0	0	0	0	0	0	0	1	*	*	*	*	*	205
13	1100	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255

FIG. 6

*: 0 OR 1 ◎ : SELECTIVE WRITING ● : SELECTIVE ERASURE ○ : SELECTIVE SUSTAIN DISCHARGE EMISSION SF

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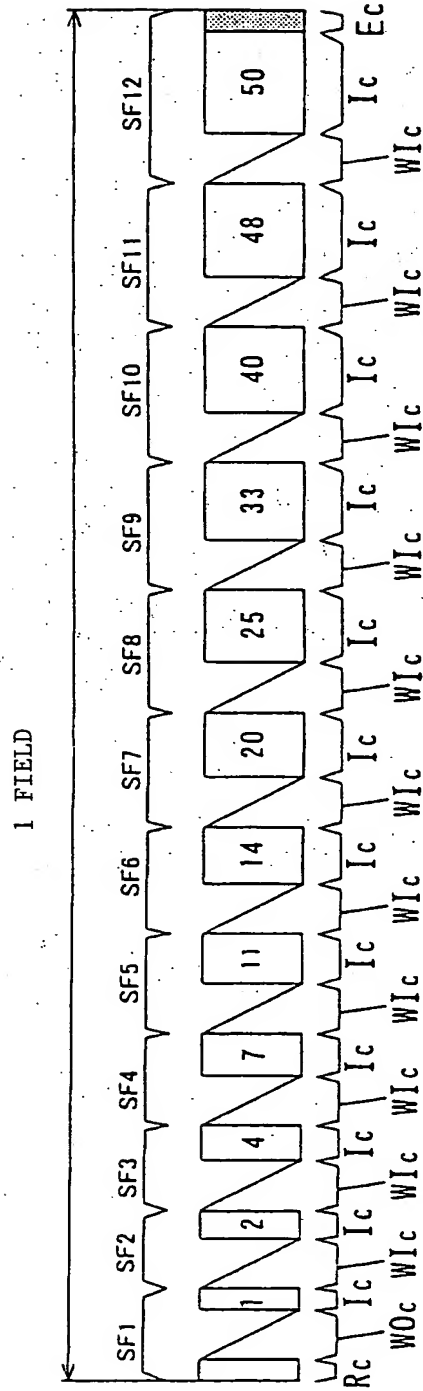


FIG. 7

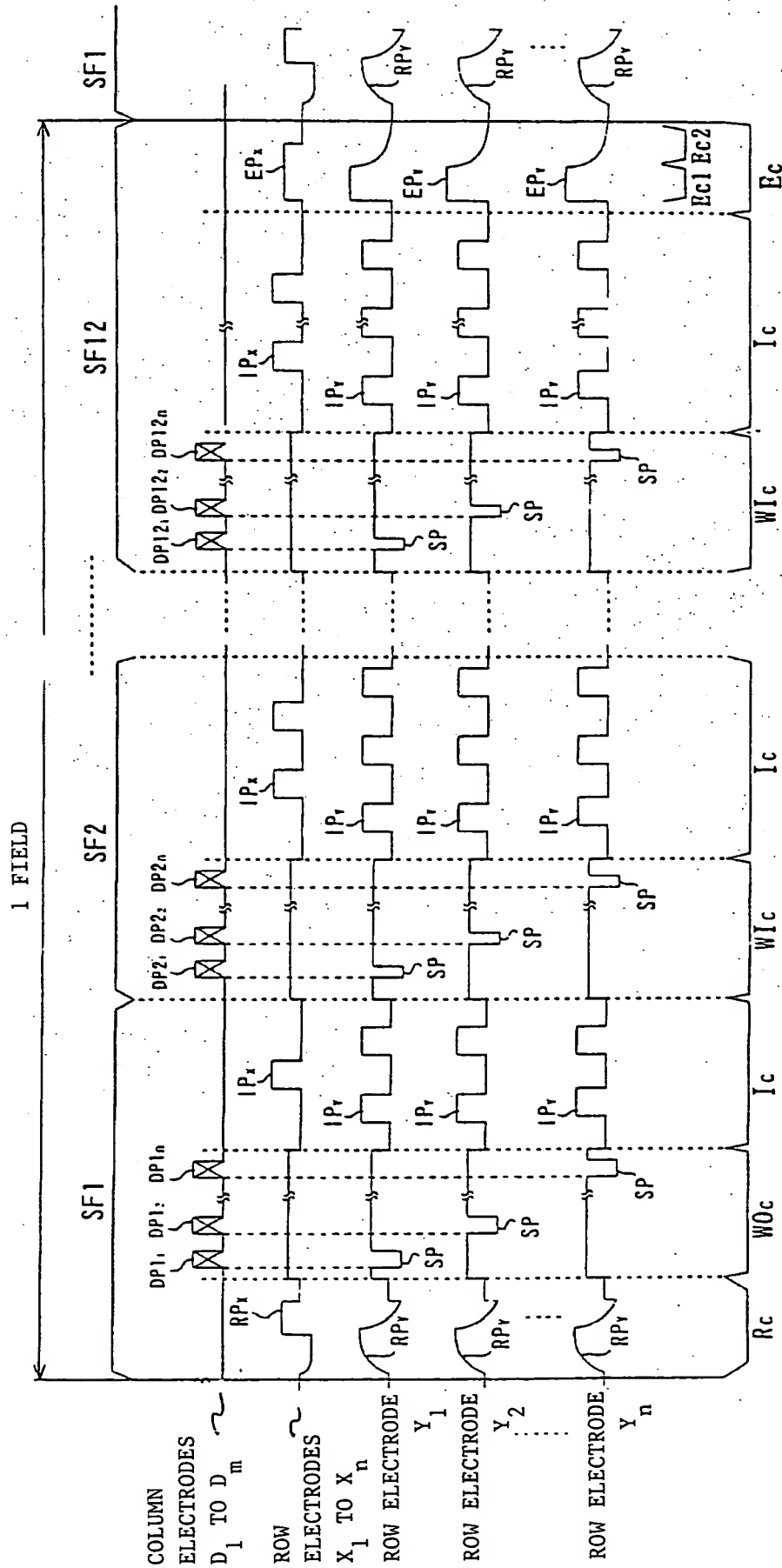


FIG. 8

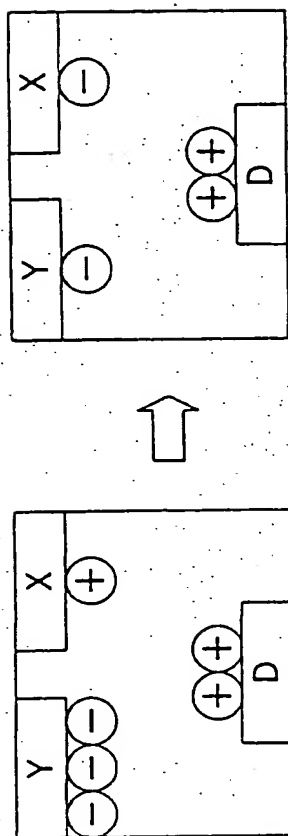


FIG. 9A FIG. 9B

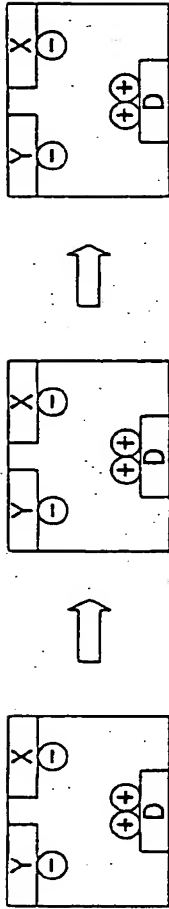
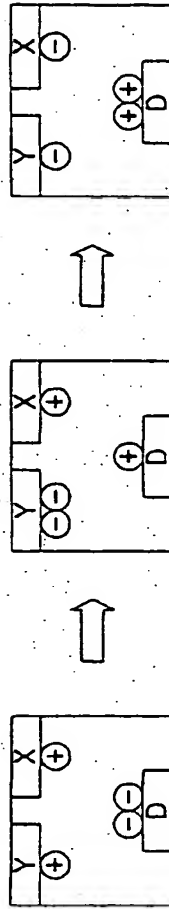


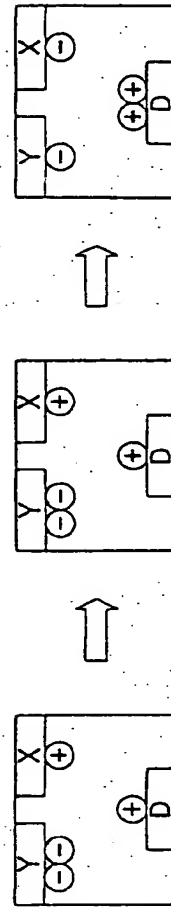
FIG. 10A

NO SELECTIVE WRITING
DISCHARGE AND NO
SELECTIVE ERASING
DISCHARGE



SELECTIVE WRITING
DISCHARGE AND SELECTIVE
ERASING DISCHARGE

FIG. 10B FIG. 10D FIG. 10E



SELECTIVE WRITING
DISCHARGE ONLY

FIG. 10F

FIG. 10C

Ec1 Ec2

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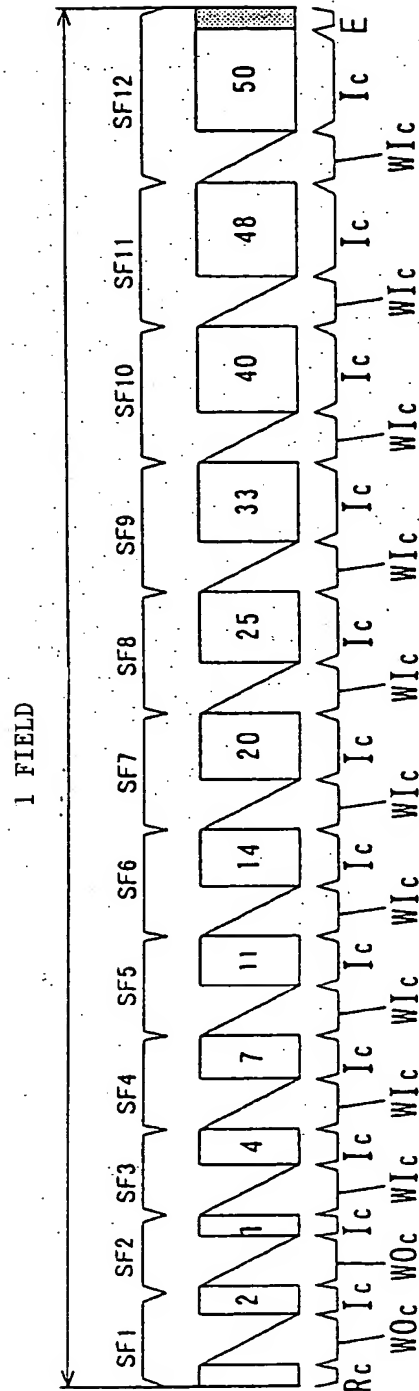


FIG. 11

GRADATION
DRIVING

LUMINANCE

	CONVERSION TABLE					EMISSION PATTERN												
	PDS	GD				SF 1	SF 2	SF 3	SF 4	SF 5	SF 6	SF 7	SF 8	SF 9	SF 10	SF 11	SF 12	
		1	2	3	4													
1	0000	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2	0001	0	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	1
3	0010	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	3
4	0011	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	7
5	0100	1	1	0	0	1	*	*	*	*	*	*	*	*	*	*	*	13
6	0101	1	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	25
7	0110	1	1	0	0	0	0	1	*	*	*	*	*	*	*	*	*	39
8	0111	1	1	0	0	0	0	0	1	*	*	*	*	*	*	*	*	59
9	1000	1	1	0	0	0	0	0	0	1	*	*	*	*	*	*	*	84
10	1001	1	1	0	0	0	0	0	0	0	1	*	*	*	*	*	*	117
11	1010	1	1	0	0	0	0	0	0	0	0	1	*	*	*	*	*	157
12	1011	1	1	0	0	0	0	0	0	0	0	0	1	*	*	*	*	205
13	1100	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255

FIG. 12

*: 0 OR 1

◎ : SELECTIVE WRITING
 ● : SELECTIVE ERASURE
 ○ : SUSTAIN DISCHARGE EMISSION SF